

FIG. 1

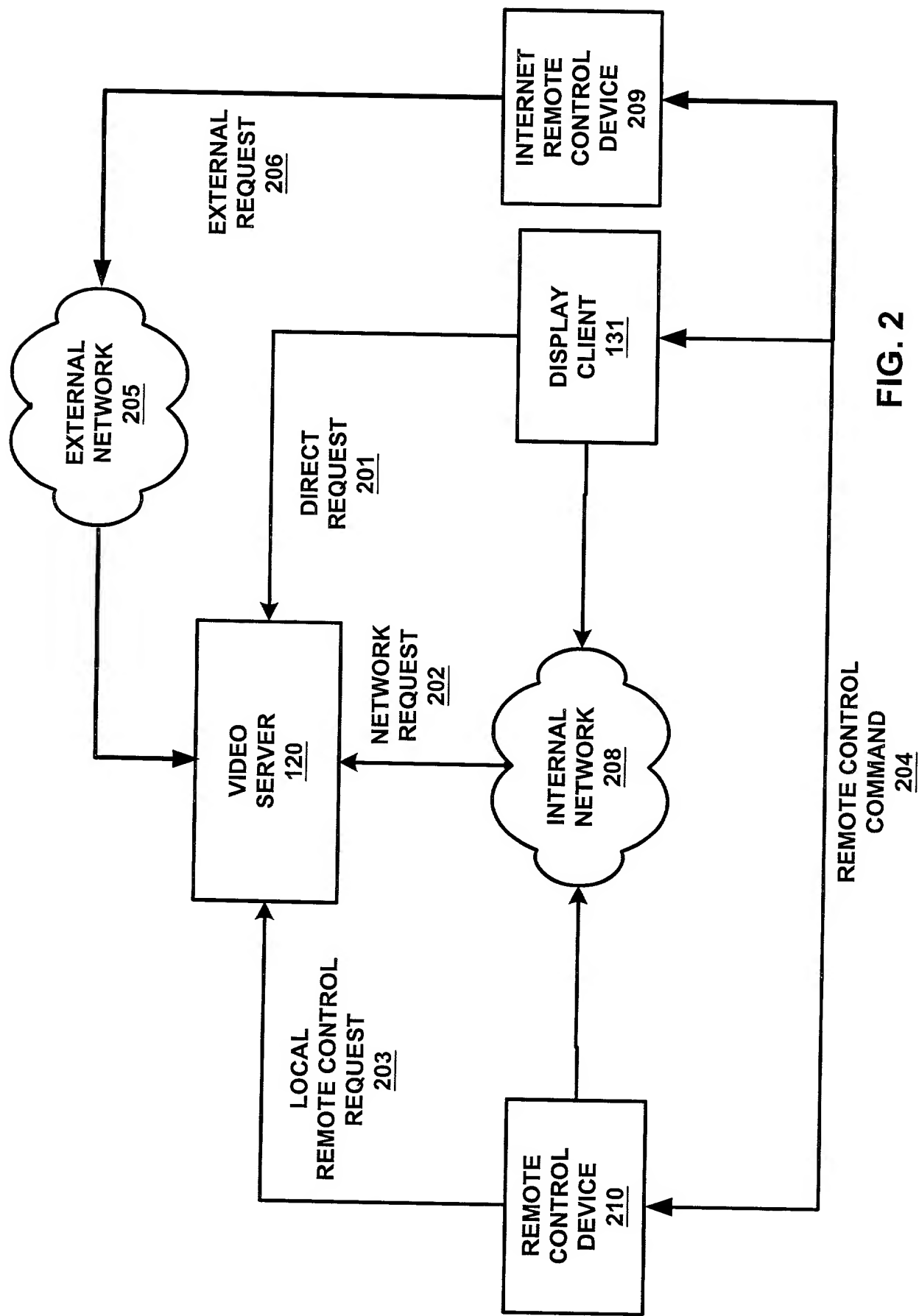


FIG. 2

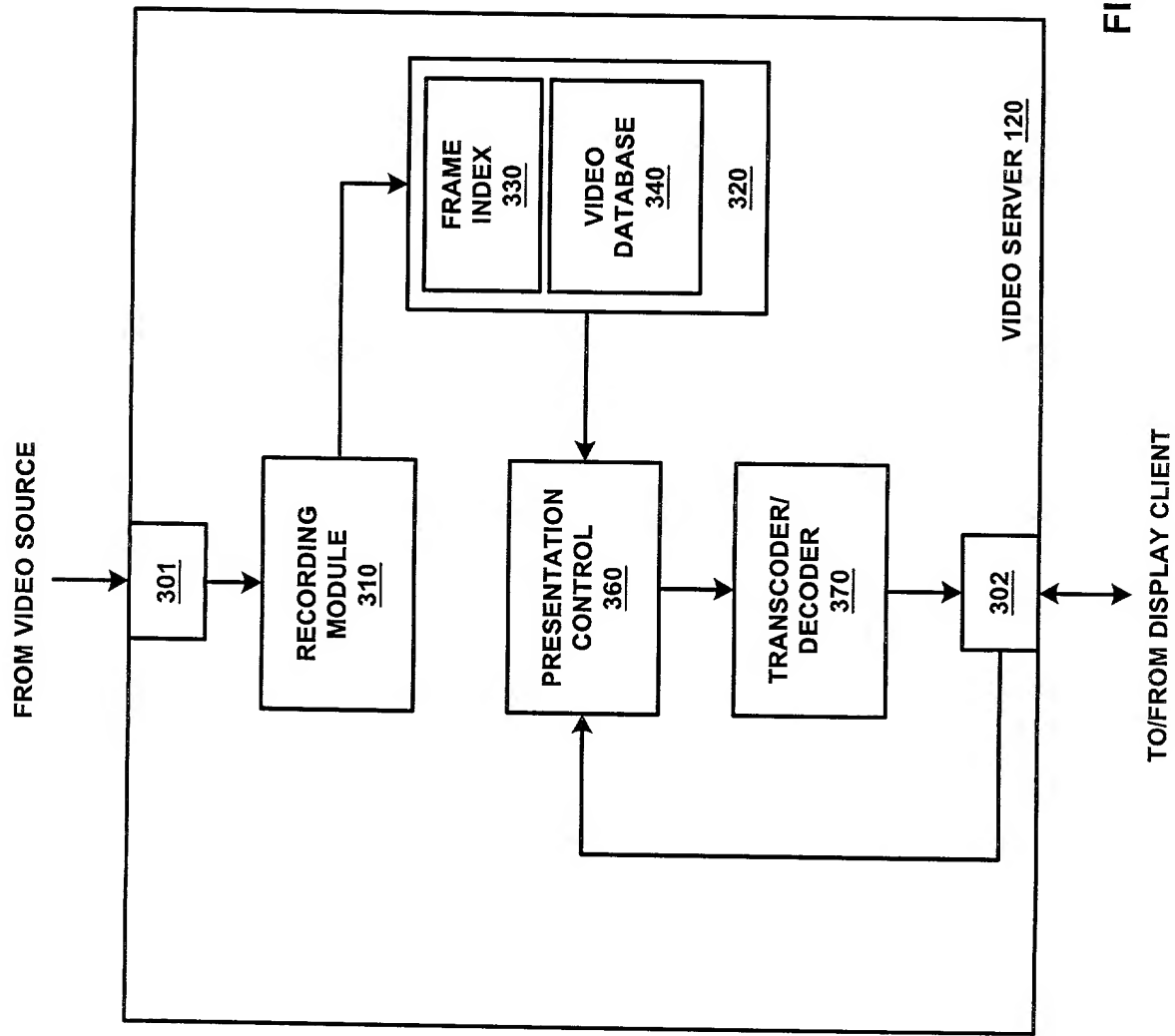


FIG. 3

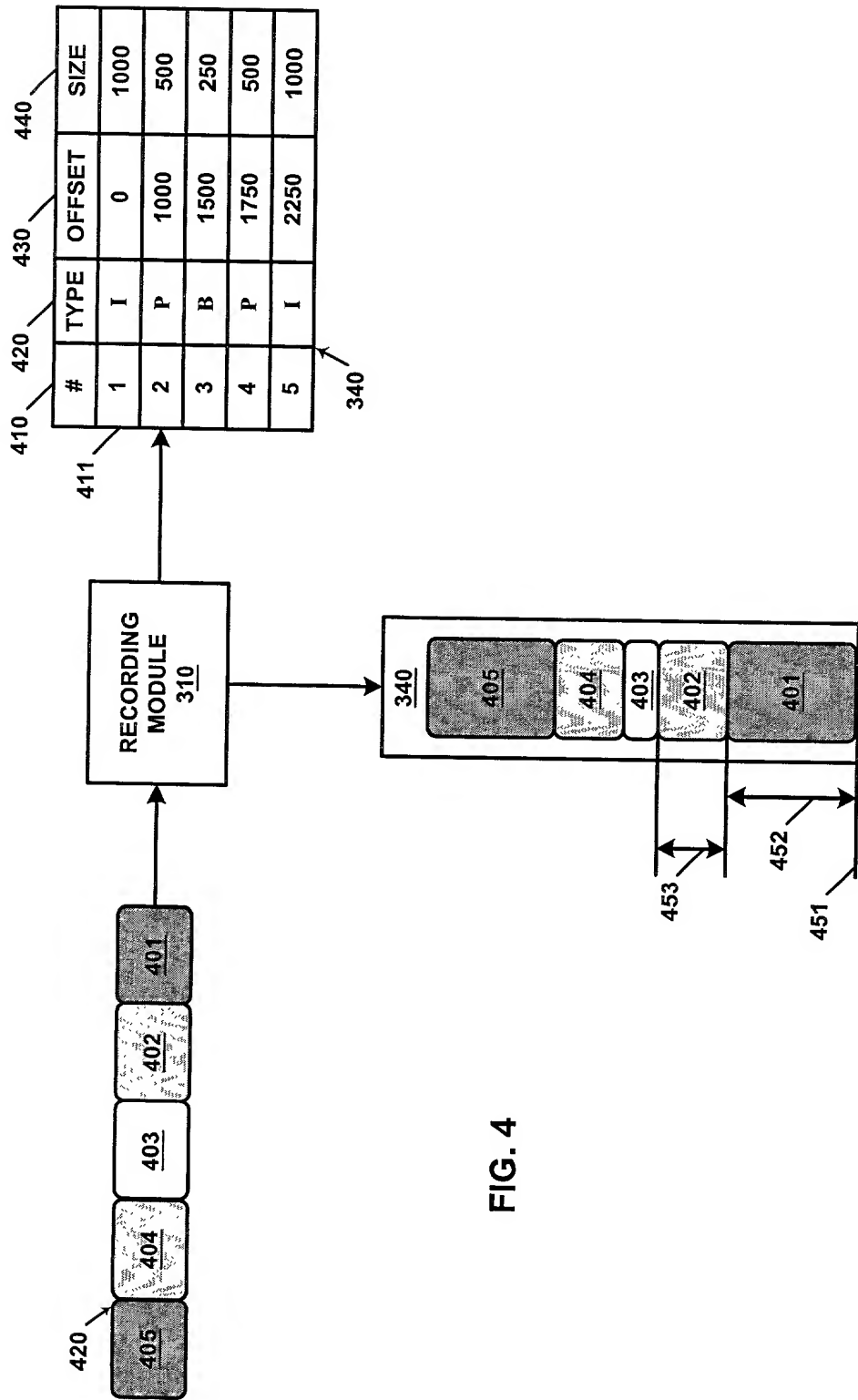
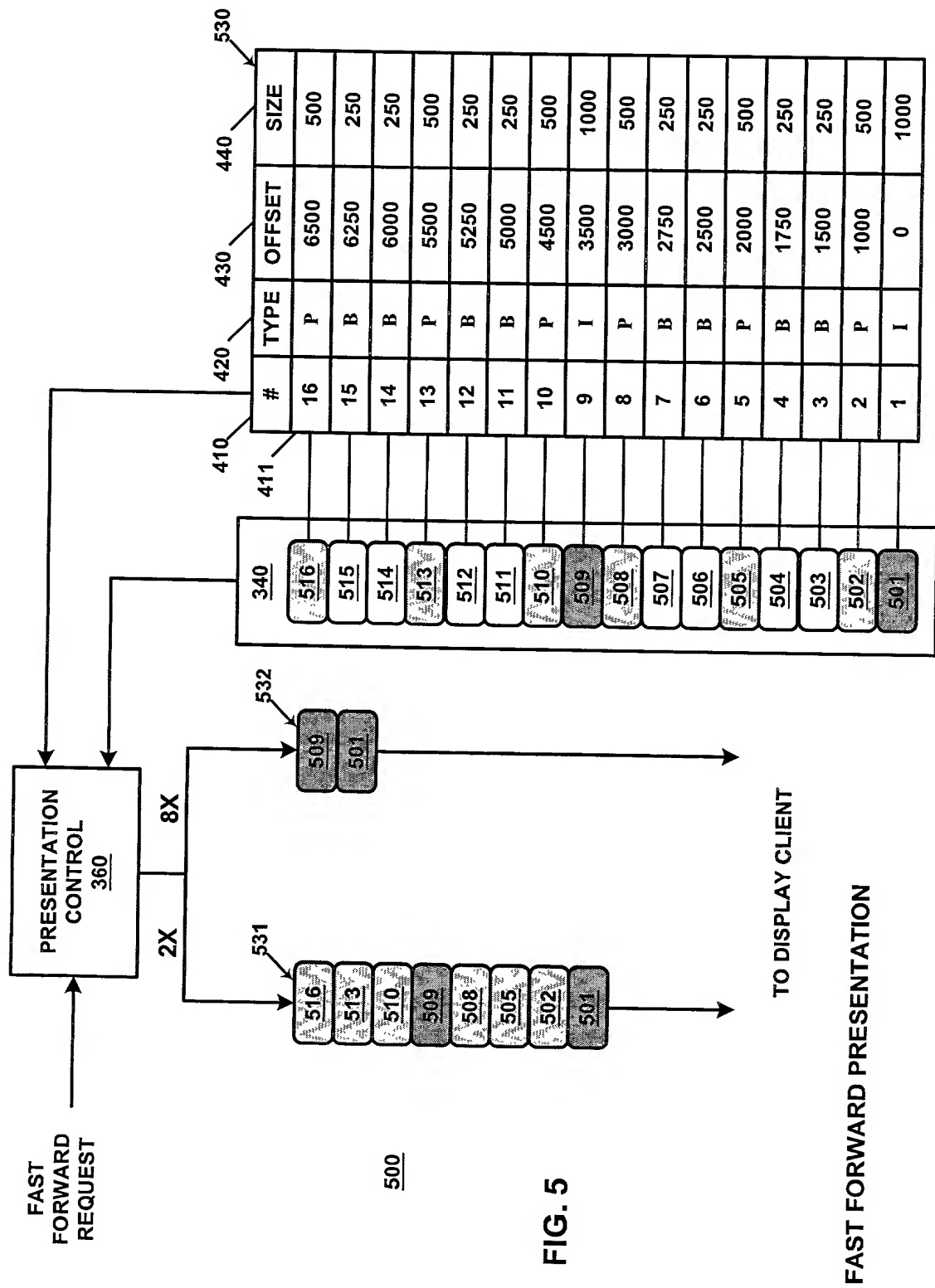


FIG. 4

FIG. 5 is a block diagram of a fast forward presentation system. The system includes a presentation control unit 360, a video buffer 340, and a display client. The presentation control unit 360 receives a fast forward request and outputs a 2X signal to the video buffer 340 and an 8X signal to the display client. The video buffer 340 contains a sequence of frames 501 through 516. The display client receives the 8X signal and outputs a fast forward presentation to the display client.



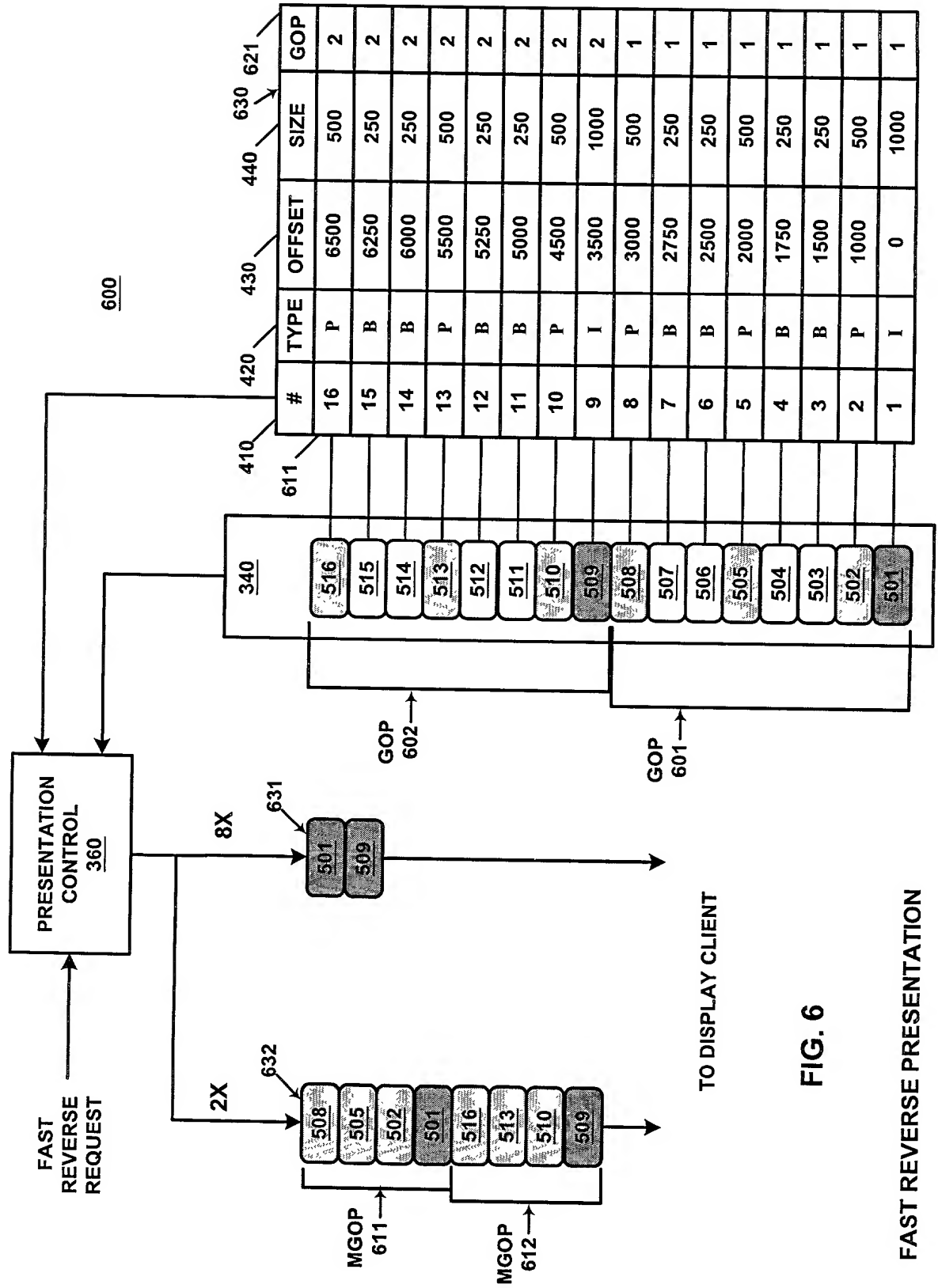


FIG. 6

FAST REVERSE PRESENTATION

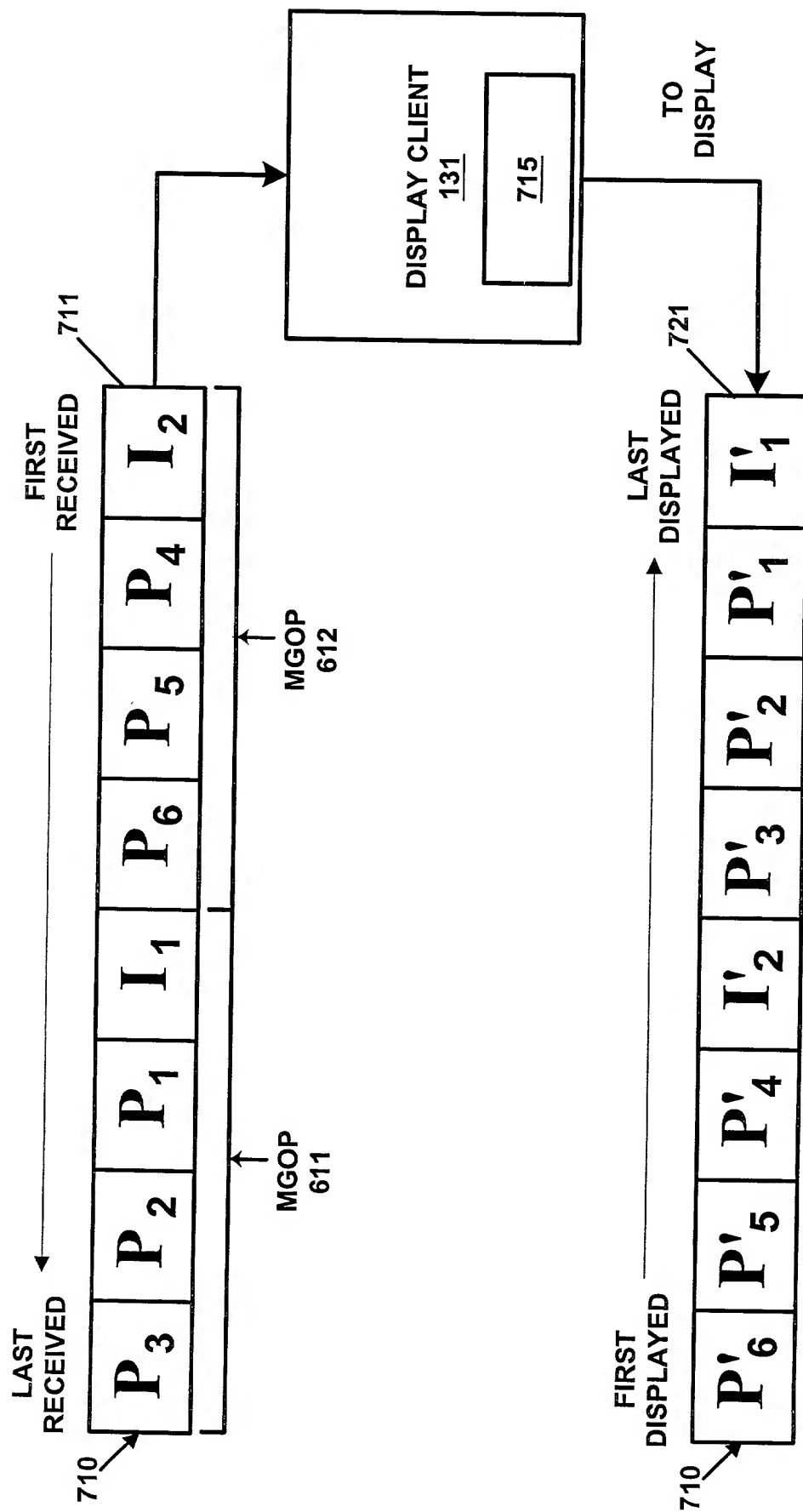
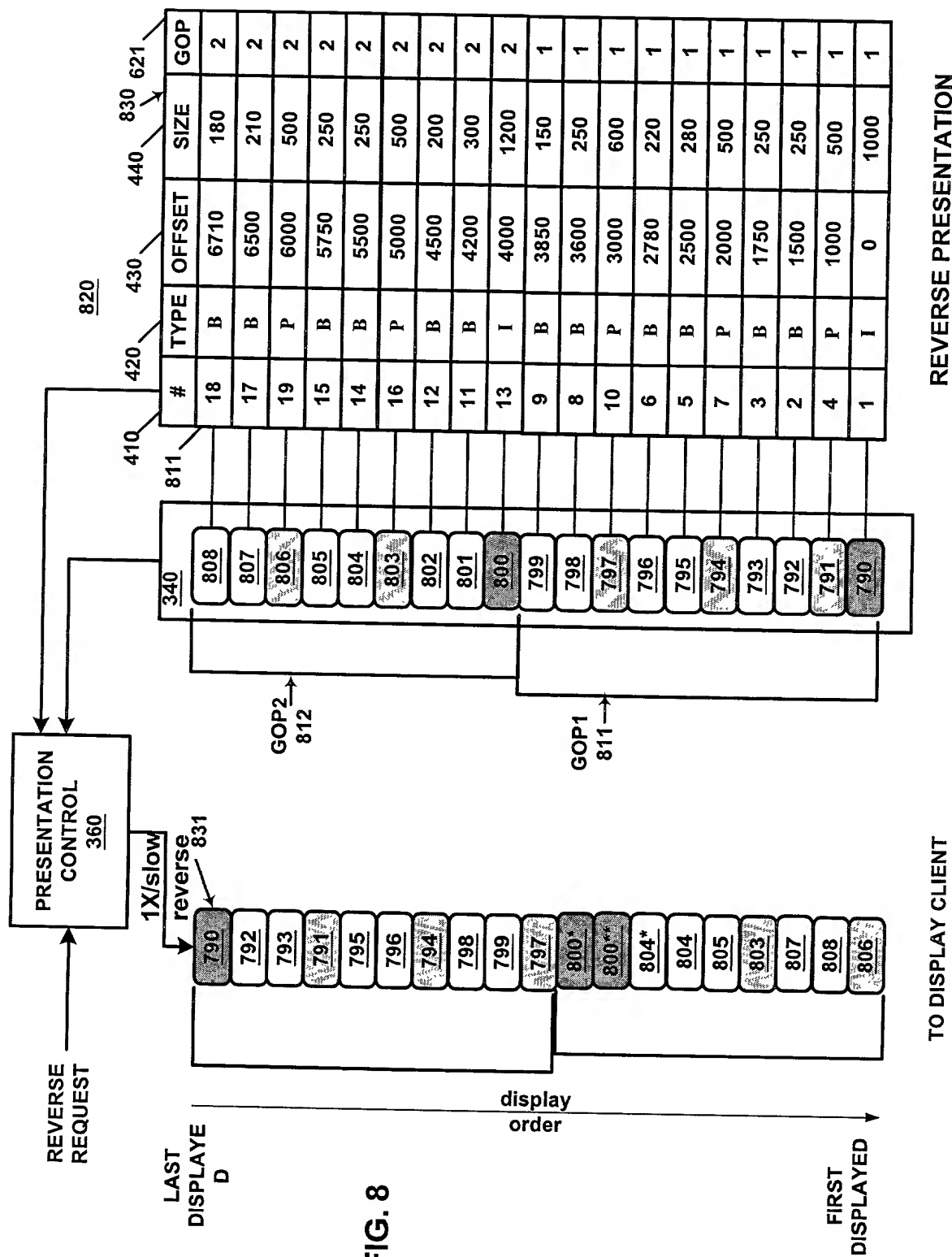
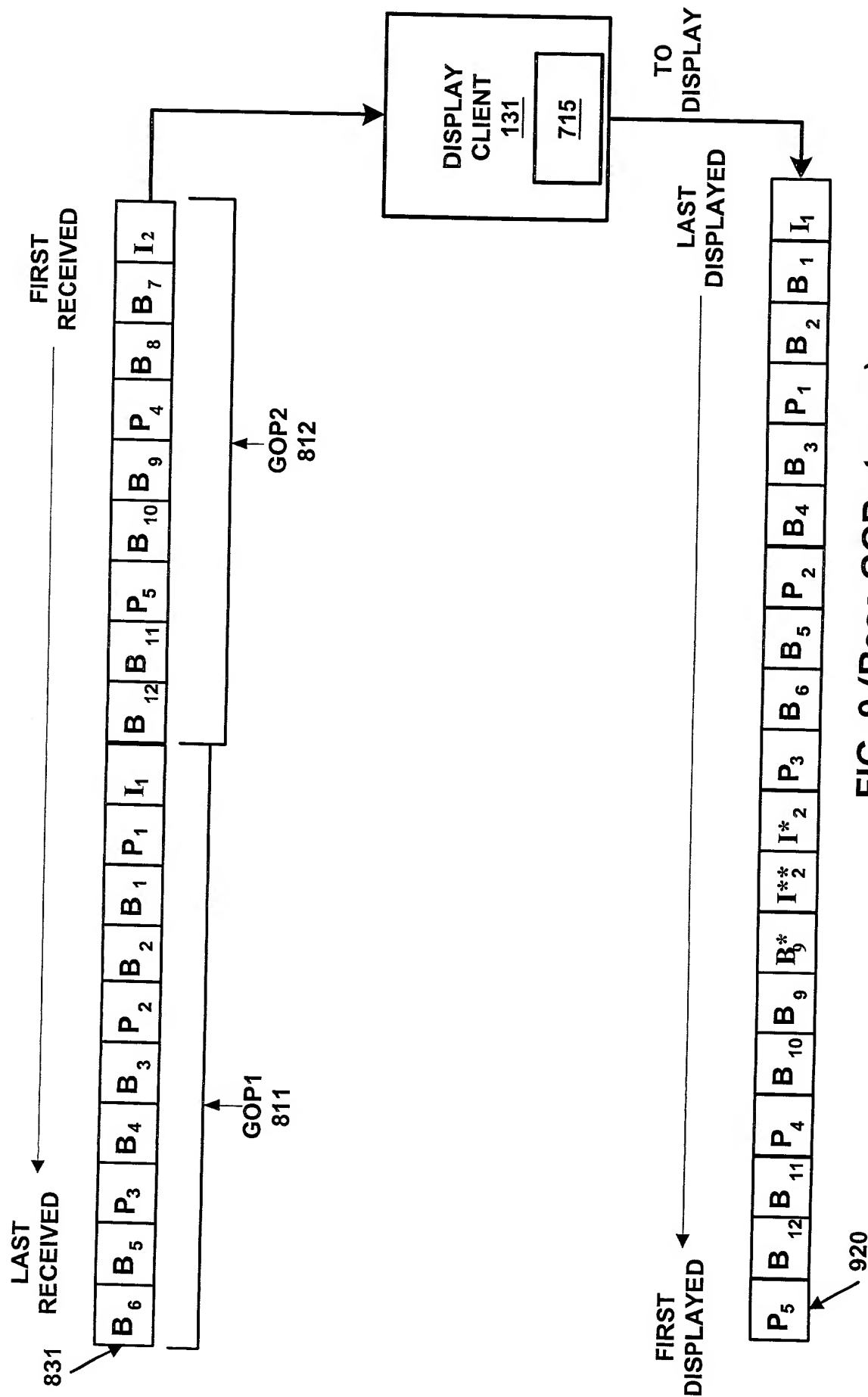


FIG. 7







**FIG. 9 (Base GOP stream)**

FIG. 10 (mid stream)

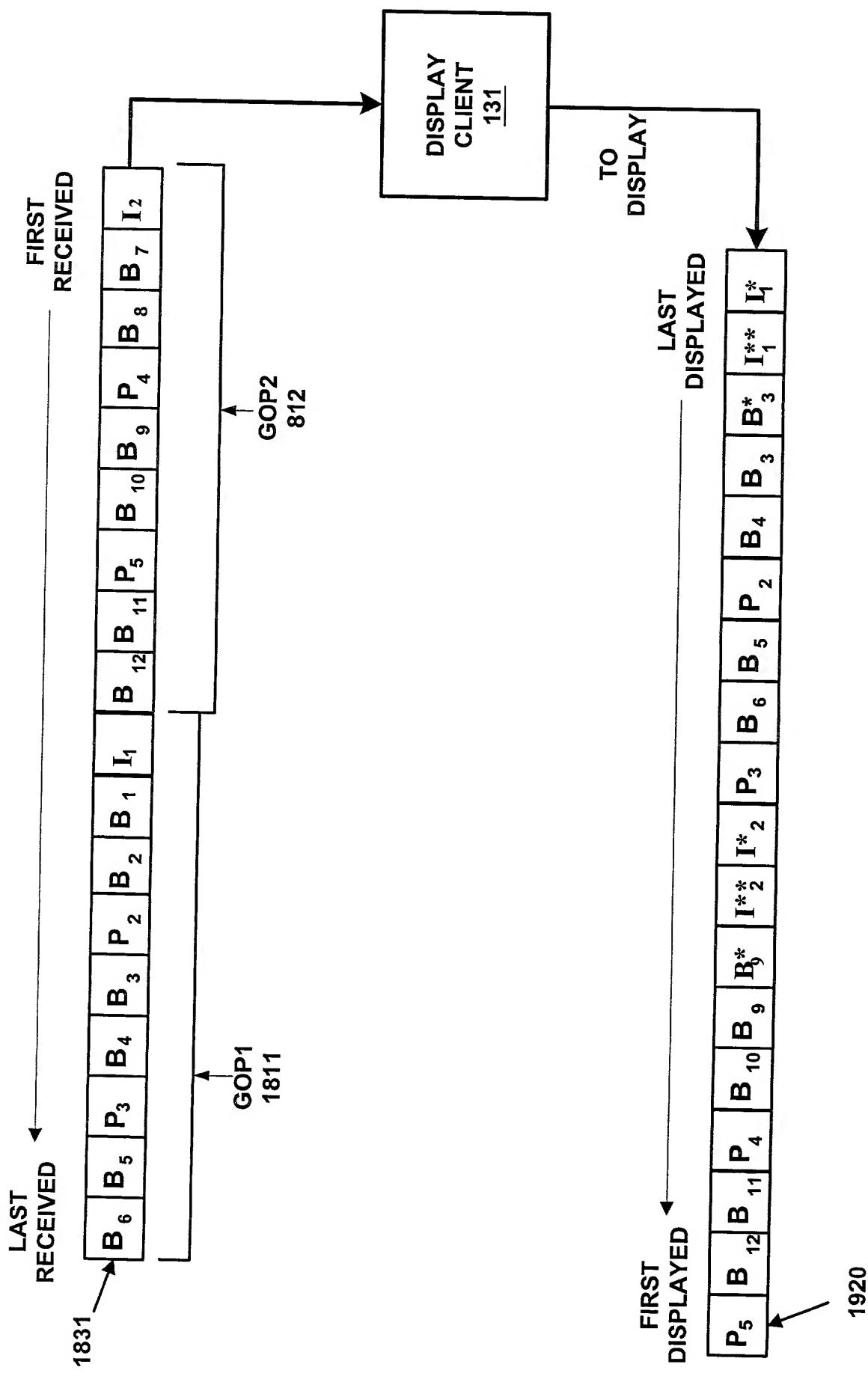


FIG. 10 (mid stream)

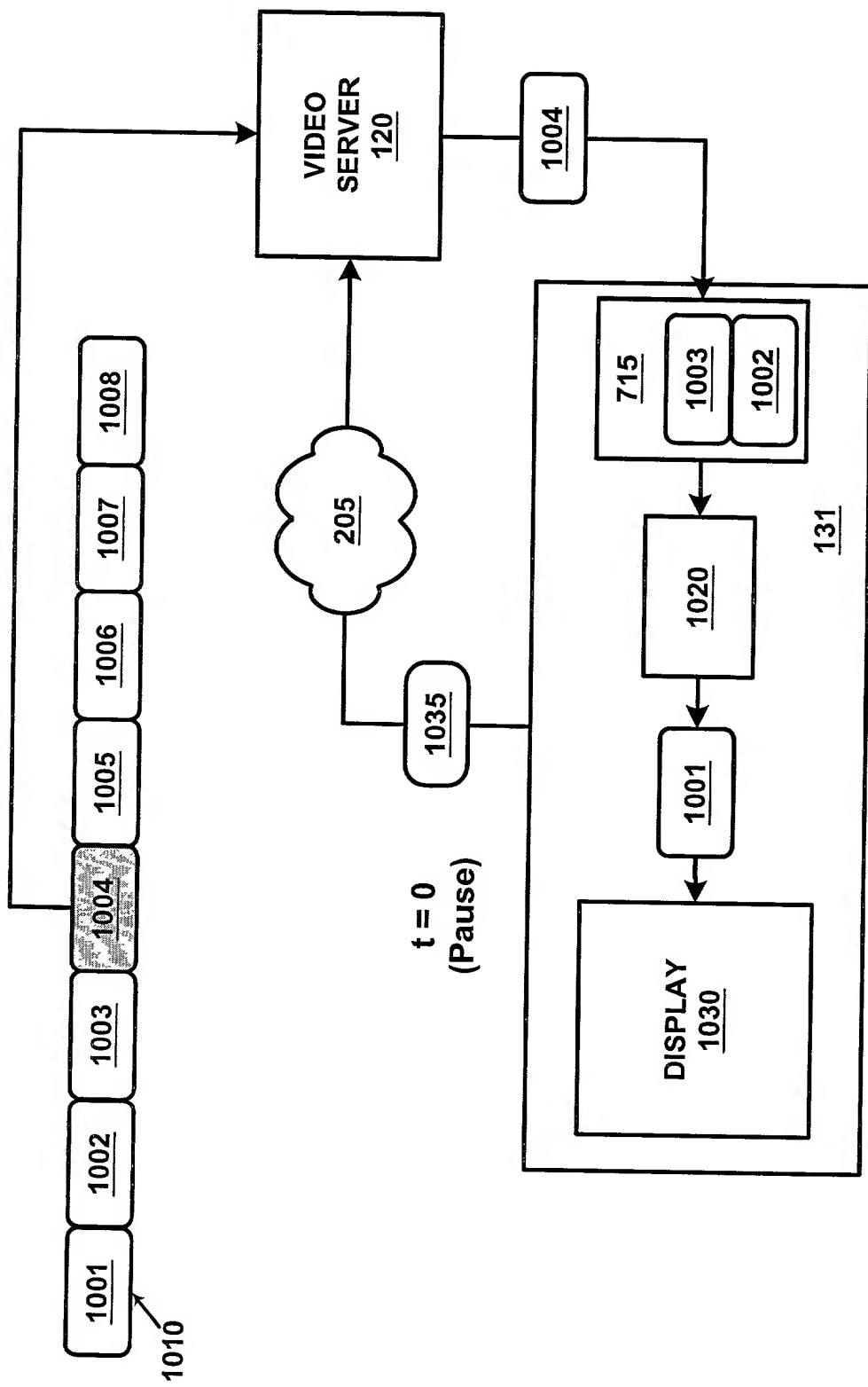


FIG. 11

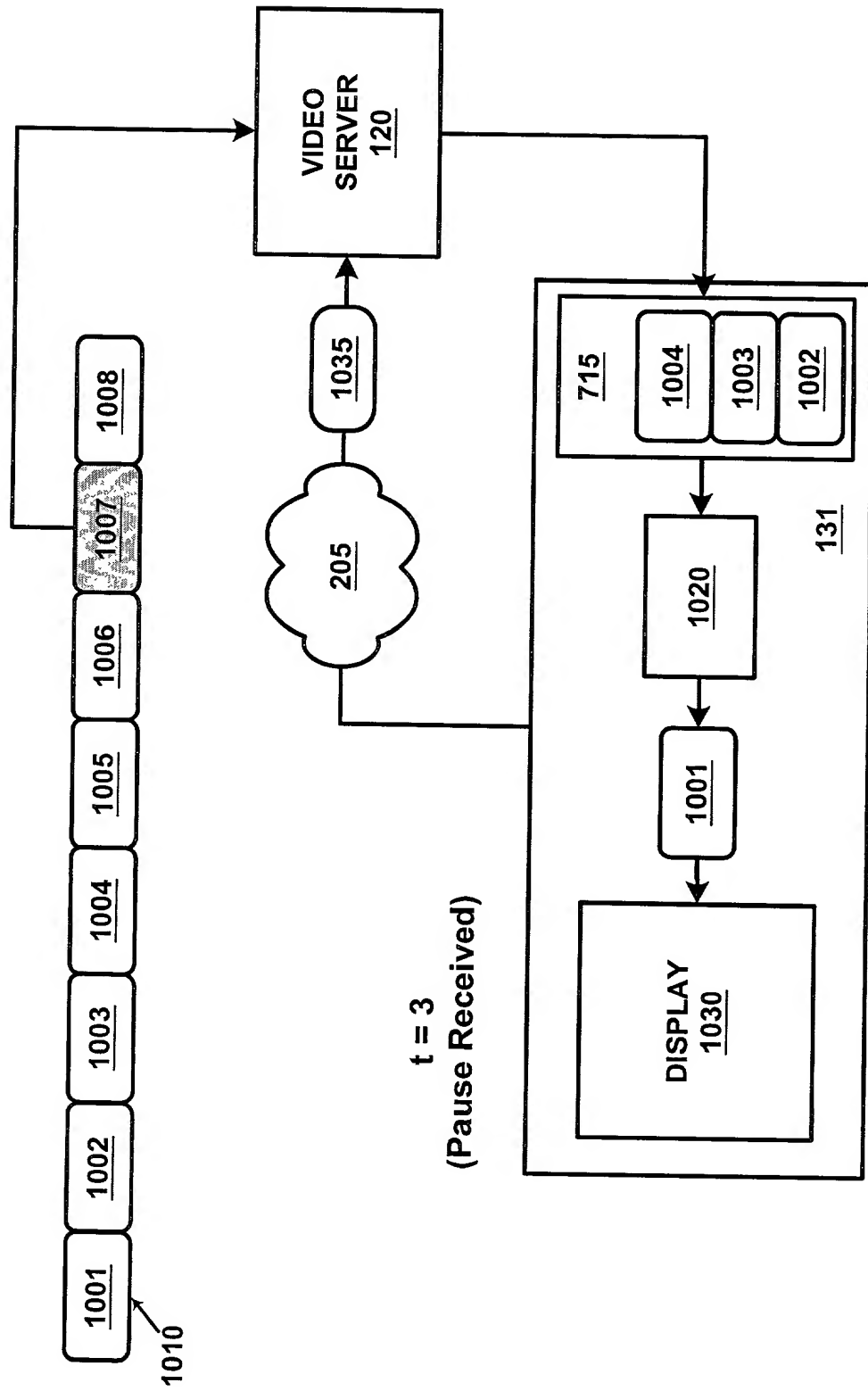
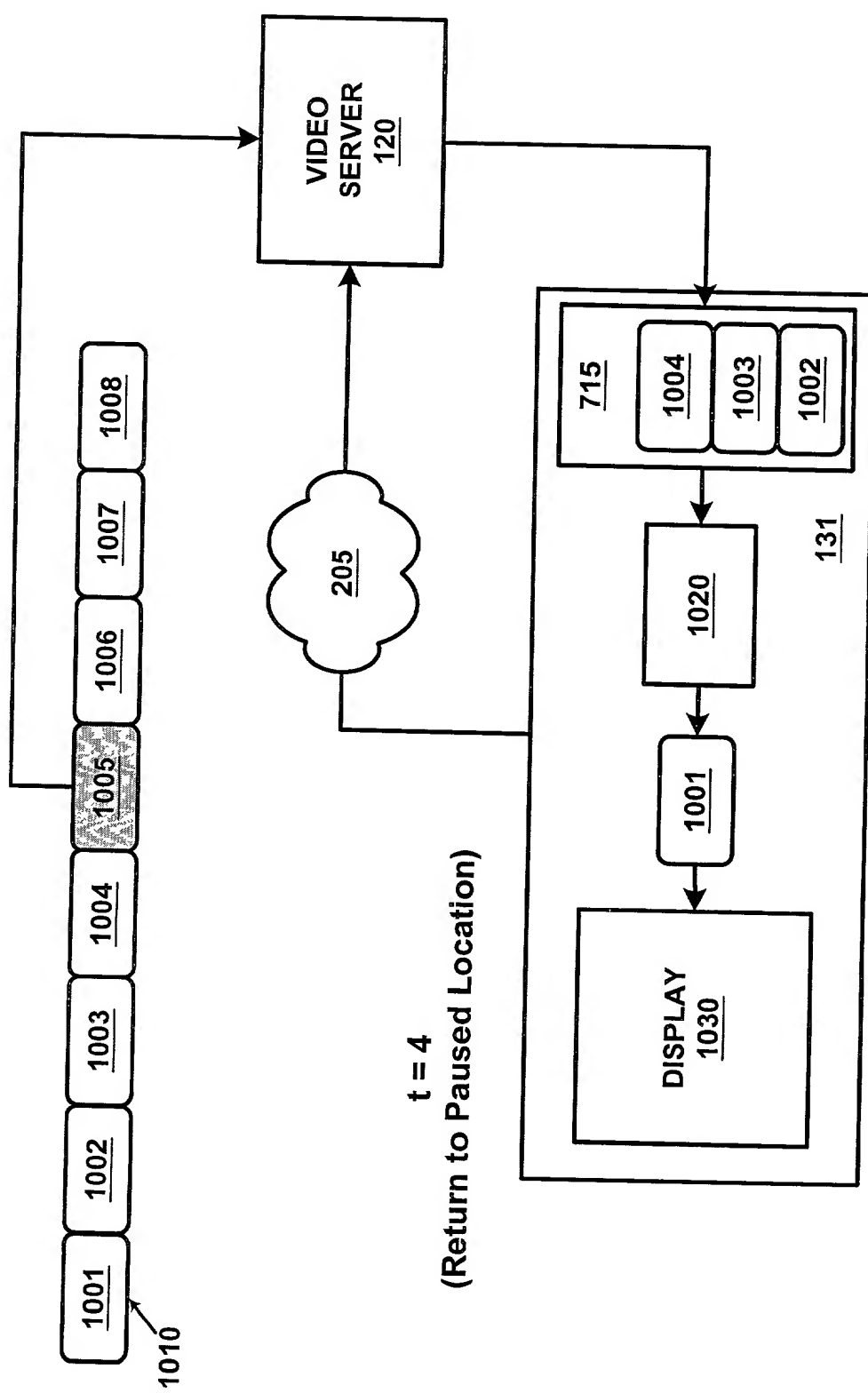


FIG. 12



**FIG. 13**

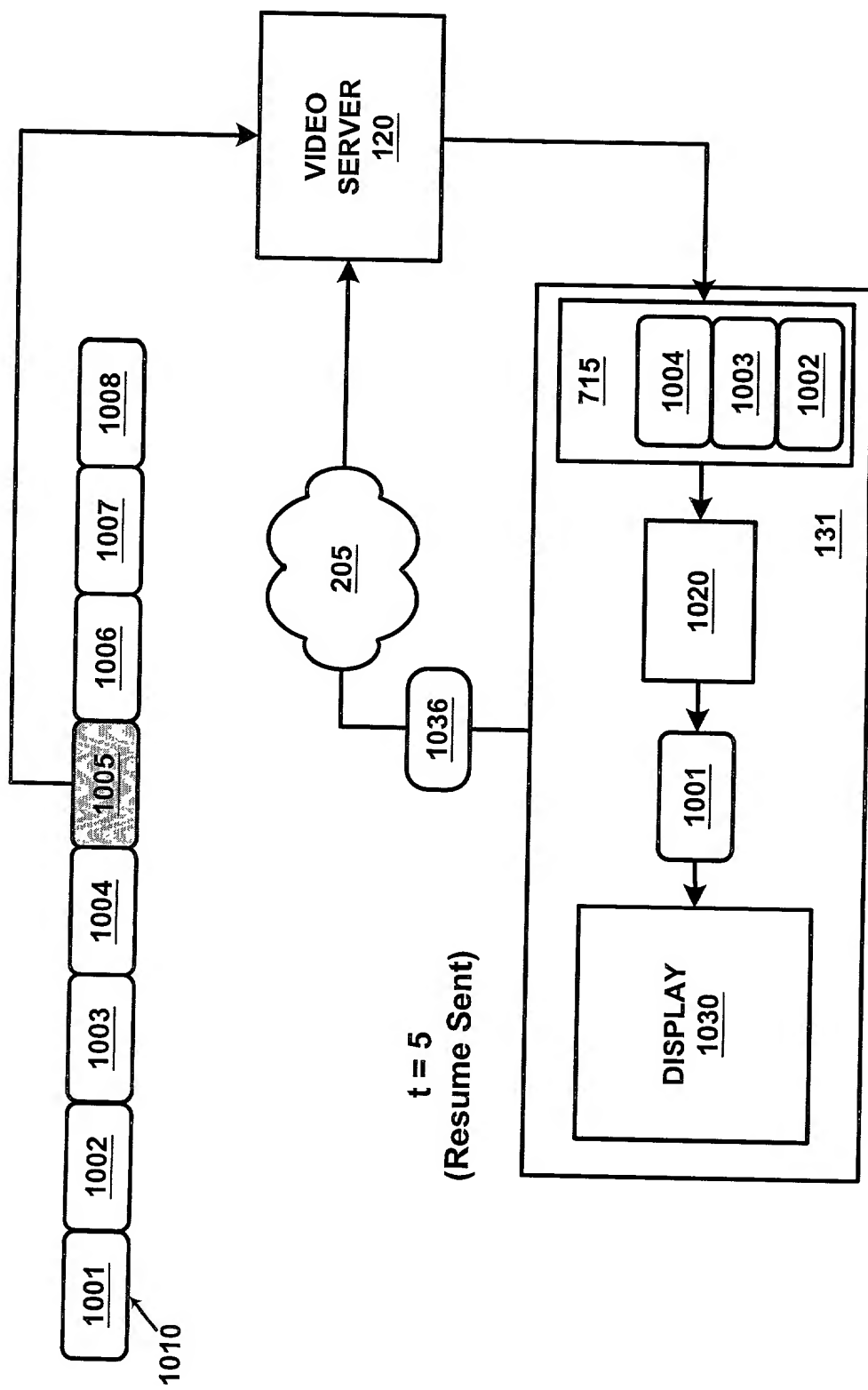


FIG. 14

FIG. 15 is a block diagram of a system architecture for video streaming, showing a sequence of frames (1001-1008) being processed by a video server (120) and a client device (131) at time t=7 (Resume Received).

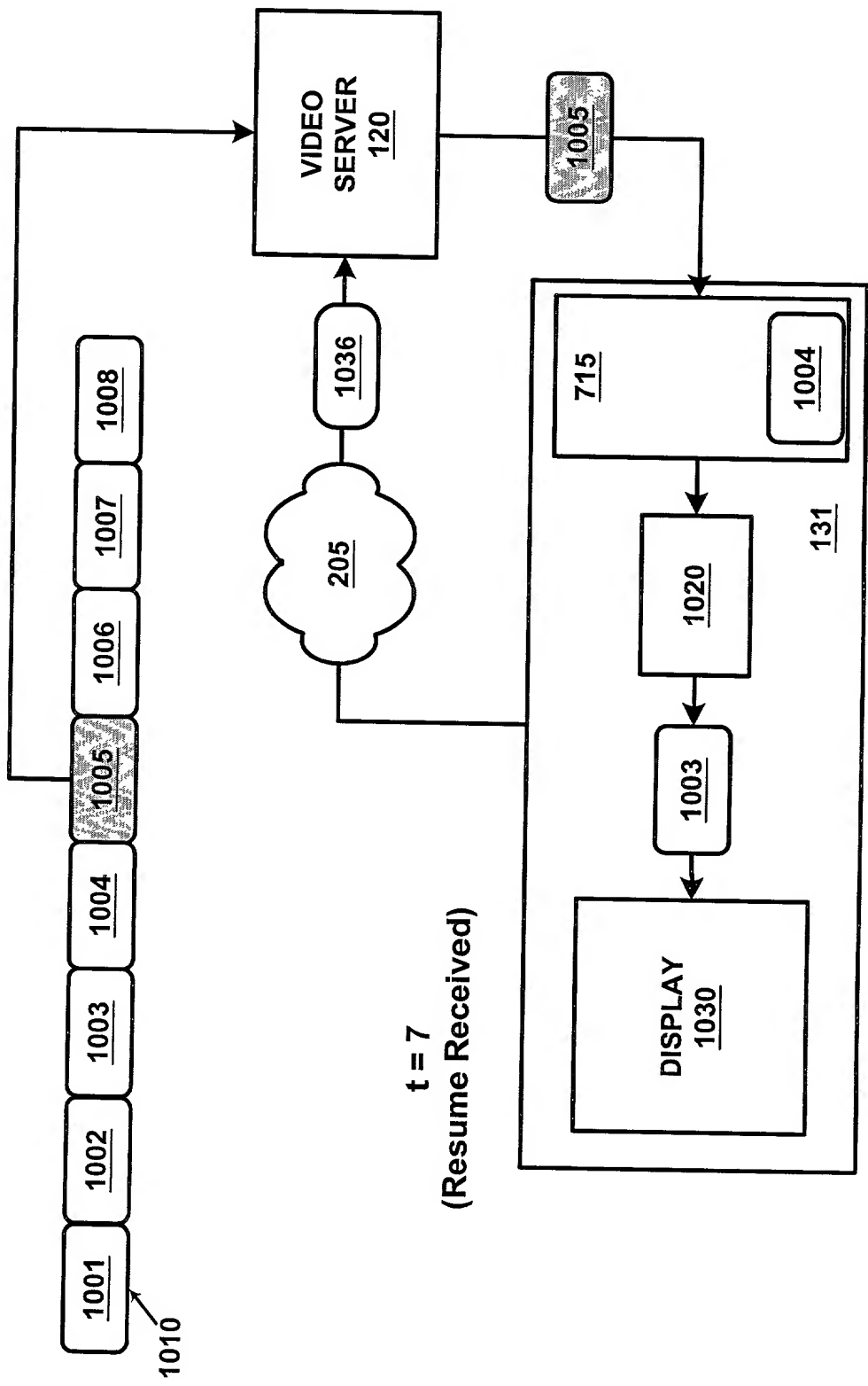


FIG. 15